

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("5672263" "6355156").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:52
S2	2	"20020143492"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:51
S3	1	EP04256970	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 12:51
S4	1730	205/640-659.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:39
S5	310	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with machining)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:40
S6	333	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:40
S7	3	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and (ultrasonic near sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:42
S8	33	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and (sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:42

## EAST Search History

S9	72	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and (sensor sense)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 13:52
S10	4	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and ((sensor sense detect) with wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 14:03
S11	92	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and ((sensor sense detect))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 14:12
S12	20	205/640-659.ccls. and ((electrochemical electro-chemical electrochemically electro-chemically) with (machin\$3)) and (((sensor sense detect)) same (gap distance) same (measur\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:05
S13	0	(electrode) same (bubble) same (escape) same (delay) same (time second) same (measure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:06
S14	28	(electrode) same (bubble) same (escape) same (time second) same (measure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:07
S15	41	(electrode) same (bubble) same (escape leave) same (time second) same (measure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:08
S16	1	(electrode cathode) same (bubble) same (escape leave remove) same (time second delay wait) same (measure near2 distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:09

## EAST Search History

S17	0	(electrode cathode) same (bubble near2 surface) same (escape leave remove) same (time second delay wait) same (measure near2 distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:09
S18	0	(electrode cathode) same (bubble near2 surface) same (measure near2 distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:10
S19	4	(bubble near2 surface) same (measure near2 distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:10
S20	15167	(bubble near2 surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:10
S21	1117	(bubble near2 surface) same (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:16
S22	3	(bubble near2 surface) same (electrode cathode) same ((time second) near2 (escape remove leave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:12
S23	43	(bubble near2 surface) same (electrode cathode) same (leave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:13
S24	61	(bubble near2 (surface cathode)) same (electrode cathode) same (leave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:14

## EAST Search History

S25	25	(bubble near2 (surface cathode)) same (electrode cathode) and (bubble near2 leave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:14
S26	1474	(bubble near2 (surface cathode)) same (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:17
S27	1071	(bubble near2 (surface cathode)) same (electrode cathode) and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:17
S28	27	(bubble near2 (surface cathode)) same (electrode cathode) and (time near2 (leave remove clear free disperse move))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:27
S29	971	((bubble near2 (surface cathode)) with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:27
S30	268	((bubble near2 (surface cathode)) with time) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:27
S31	9	((bubble near2 (surface cathode)) with time with (remove leave free clear)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:29
S32	268	((bubble near2 (surface cathode)) with time) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:31

## EAST Search History

S33	0	((bubble near2 (surface cathode)) with (time near wait)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:31
S34	0	((bubble near2 (surface cathode)) with (time near2 wait)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:32
S35	0	((bubble near2 (surface cathode)) with (time near2 much)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:34
S36	425	((bubble near2 (surface cathode)) with (time s sec second)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:34
S37	442	((bubble near2 (surface cathode)) with (time s sec second ms)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:47
S38	29	((bubble near2 (surface cathode)) with (ms)) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 17:34
S39	155	time with leave with bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:05
S40	248	time with (leave disperse) with bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:06

## EAST Search History

S41	1	time with (leave disperse) with (bubble near (surface substrate cathode wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:08
S42	62320	(electrode cathode) and ((reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:10
S43	2194	(electrode cathode) and ((lower reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage) and bubble and time and (leave free elute clear (no adj longer) coalesce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:12
S44	91	(electrode cathode) and ((lower reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage) and (bubble near2 (leave free elute clear (no adj longer) coalesce)) and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:18
S45	0	(bubble adj at adj cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:18
S46	117	(bubble adj cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:20
S47	0	(bubble adj cathode) near disappear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:21
S48	0	(bubble adj cathode) near2 disappear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:21

## EAST Search History

S49	0	(bubble adj cathode) near2 leave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:21
S50	18468	(bubble near2 (cathode electrode substrate surface wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:24
S51	0	(bubble near2 (cathode electrode substrate surface wafer)) and (bubble-free near after near time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:26
S52	0	(bubble near2 (cathode electrode substrate surface wafer)) and (bubble-free near2 after near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:26
S53	29	(bubble near2 (cathode electrode substrate surface wafer)) and (bubble near2 after near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:20
S54	16	bubble near remove near2 ((fluid solution electrolyte) near flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:31
S55	18	bubble near remove near2 ((fluid solution electrolyte) near2 (flow movement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:31
S56	204597	(bubble and (cathode electrode substrate surface wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:23

## EAST Search History

S57	17	(bubble and (cathode electrode substrate surface wafer)) and((escape leave remove) same (time second delay wait) same (measure near2 distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:24
S58	17	(bubble and (cathode electrode substrate surface wafer)) and ((escape leave remove) same (time second delay wait) same (measure near2 distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:25
S59	8104	(bubble near remov\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:25
S60	240	(bubble near remov\$2) near3 (time second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:26
S61	68	(bubble near remov\$2) near3 (time second) and (electrode cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:43
S62	7	(electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2) near3 (time second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:48
S63	565	(electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 09:59
S64	12	(electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2) and (puls\$3 near (voltage plat\$3 waveform electrode current polish\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 10:00



## EAST Search History

S65	270	BATZINGER-THOMAS.in. LI-WEI. in. "LAMPHERE-MICHAEL.in. " "ROGENSKI-THOMAS.in. " "WEI-BIN.in. " "LESTER-CARL.in. " FILKINS-ROBERT.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:53
S66	354	BATZINGER-THOMAS.in. LI-WEI. in. LAMPHERE-MICHAEL.in. ROGENSKI-THOMAS.in. WEI-BIN. in. LESTER-CARL.in. FILKINS-ROBERT.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:53
S67	6	S66 and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:19
S68	10656	((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:21
S69	1082	((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:21
S70	275	((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode and gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:22
S71	9	((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode and gap and ("204" "205").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 15:26
S72	5	((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode\$1 and gap and ("204" "205").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/12 15:26